

# Retrospective Study of Picosecond Alexandrite 755nm Laser for Nevus of Ota Treatment in Chinese

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## Study Design:

- Retrospective study to evaluate a 755nm picosecond laser for nevus of Ota in 29 Chinese patients (ST III-IV).
- Subjects received between 1-5 treatment sessions and treatment parameters were between 2.0-4.0mm at 1.95-6.37 J/cm<sup>2</sup>.

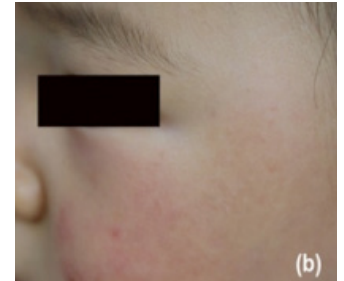
## Results:

- Adverse events and clinical improvement (5-point scale: Minimal, Fair, Good, Excellent, Complete) were assessed independently by two dermatologists.
- 44.8% of subjects were Good-Complete after 1 session, 73.3% of remaining subjects after 2 sessions, 40.0% of remaining after 3 sessions, and 100% after 4-5 sessions.
- Erythema, mild edema, and crusting were temporary responses with 2 patients experiencing transient hyperpigmentation.

Courtesy of Tong Lin, MD,



Before



After 6 Months, 6 Treatments

## Conclusion:

- The picosecond alexandrite laser is an effective and safe treatment approach for nevus of Ota in Chinese patients, and appears to require fewer treatments versus nanosecond devices to clear challenging pigment.

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